

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|---|------------------|---------|---------------------|
| L1    | 7     | (bolomet\$3 thermal adj resistor thermoelectric adj element) with (contact electrode) with electric adj field | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/15<br>12:44 |
| L2    | 232   | "6204139"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/15<br>13:01 |
| L3    | 2     | "6204139" .pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/15<br>13:01 |
| L4    | 478   | perovskite with electric adj field  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/15<br>13:03 |
| L5    | 21    | 4 with resist\$4  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/15<br>13:03 |
| L6    | 23927 | perovskite  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/15<br>13:25 |
| L7    | 629   | electric adj field with resist\$4 with temperature  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/15<br>13:25 |
| L8    | 54    | 6 and 7   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/15<br>13:25 |

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| L9  | 18      | 6 same 7   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/15<br>13:26 |
| L10 | 817     | electric adj field with<br>resist\$4 with (thermal<br>\$2 temperature) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/15<br>13:26 |
| L11 | 18      | 6 same 10  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/15<br>13:27 |
| S1  | 23916   | perovskite   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:04 |
| S2  | 56703   | lanthanum  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:04 |
| S3  | 1333144 | alkaline adj earth<br>beryllium magnesium<br>calcium barium radium     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:05 |
| S4  | 4449    | S1 and S2 and S3   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:05 |
| S5  | 22442   | infrared adj detect\$3   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:05 |
| S6  | 82      | S4 and S5  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:05 |

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| S7  | 68   | S6 and S2 with S3   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:06 |
| S8  | 4    | S6 and S2 near S3   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:06 |
| S9  | 0    | lanthanum adj titinate  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:07 |
| S10 | 1116 | lanthanum adj titanate  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:07 |
| S11 | 935  | S3 and S10  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:07 |
| S12 | 38   | S5 and S11  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:07 |
| S13 | 31   | S3 with S10 and S5  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:10 |
| S14 | 1    | "10589619"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>17:07 |
| S15 | 23   | ("20020139776"  <br>"20020139784"  <br>"20030054615"  <br>"20050139774"  <br>"6329696"   "6432474"<br>  "6489613"  <br>"6710306"   "6713763"<br>  "6984856"  <br>"7015472").PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>17:33 |

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| S16 | 23916   | perovskite  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>17:34 |
| S17 | 10      | S16 and S15   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>17:34 |
| S18 | 1       | 10/589619 and stress  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/13<br>10:22 |
| S19 | 156     | perovskite and<br>(infrared adj detect\$2<br>thermal adj resistor<br>bolometer) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>13:56 |
| S20 | 1016130 | stress  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>13:57 |
| S21 | 64      | S19 and S20   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>13:57 |
| S24 | 58      | piezoelectric\$2 and S19  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>14:01 |
| S25 | 39      | piezoelectric\$2 and S21  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>14:02 |
| S26 | 58      | piezoelectric\$2 and S19  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/14<br>14:56 |

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| S27 | 11    | apply\$3 with voltage and S19   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2008/08/14 14:56 |
| S28 | 75    | perovskite and ( thermal adj resistor bolometer)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2008/08/14 15:26 |
| S29 | 10    | S27 and apply\$3 near3 voltage  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2008/08/14 15:26 |
| S30 | 4     | S28 and apply\$3 near3 voltage  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2008/08/14 15:27 |
| S32 | 695   | Ti near O and perovskite  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/14 15:36 |
| S33 | 8     | La near Ti near O and perovskite  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/14 15:36 |
| S34 | 137   | La with Ti with O with Sr and perovskite  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/14 15:37 |
| S35 | 38    | La near3 Ti near3 O near3 Sr and perovskite   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/14 15:37 |
| S36 | 21306 | (bolometer thermal adj resistor thermoelectric element) with (contacts electrode) with surround \$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2008/08/14 17:23 |

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| S37 | 59  | (bolometer thermal adj resistor thermoelectric adj element) with (contacts electrode) with surround\$3                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/14 17:23 |
| S38 | 21  | (bolometer thermal adj resistor thermoelectric adj element) with insulat\$3 with (contacts electrode) with surround\$3  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/14 17:25 |
| S39 | 396 | (bolomet\$3 thermal adj resistor thermoelectric adj element) with insulat\$3 with (contacts electrode)                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/14 17:29 |
| S40 | 26  | (bolomet\$3 thermal adj resistor thermoelectric adj element) with insulat\$3 with (contacts electrode) with sandwich\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/14 17:29 |
| S41 | 1   | (bolomet\$3 thermal adj resistor thermoelectric adj element) with insulat\$3 with electric adj field with sandwich \$3  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/14 17:33 |
| S42 | 5   | (bolomet\$3 thermal adj resistor thermoelectric adj element) with insulat\$3 with electric adj field                    | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/14 17:34 |

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